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RCs'd PCT/PTO 27 JUN 2005



PATENT COOPERATION TREA



PCT

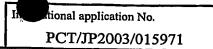
INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

	(1 CI ALLCIE	so and Rule 70)			
Applicant's or agent's file reference A6965PCT	FOR FURTHER AC	TION	See Form PCT/IPEA/416		
International application No. PCT/JP2003/015971	International filing date 12 December 200		Priority date (day/month/year) 27 December 2002 (27.12.2002)		
International Patent Classification (IPC) or n G06F 17/50	ational classification and	IPC	27 December 2002 (27.12.2002)		
Applicant	RIKE	N			
This report is the international prelin Authority under Article 35 and trans	ninary examination repor mitted to the applicant ac	t, established by this cording to Article 36	International Preliminary Examining		
This REPORT consists of a total of .This report is also accompanied by A	sheets, in	ncluding this cover sl	neet.		
a. (sent to the applicant and t		au) a total of	sheets, as follows:		
sheets of the descri and/or sheets conta Administrative Ins		vings which have be orized by this Author	en amended and are the basis of this report rity (see Rule 70.16 and Section 607 of the		
sheets which super	sede earlier sheets, but were in the international a	which this Authority pplication as filed, a	considers contain an amendment that goes s indicated in item 4 of Box No. I and the		
b. (sent to the International	al Bureau only) a total	al of (indicate typing a sequence listing to	e and number of electronic carrier(s)) and/or tables related thereto, in computer Sequence Listing (see Section 802 of the		
4. This report contains indications relating	ng to the following items				
Box No. I Basis of the rep	ort				
Box No. II Priority					
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
Box No. IV Lack of unity of invention					
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
Box No. VI Certain documents cited					
Box No. VII Certain defects in the international application					
Box No. VIII Certain observat	ions on the international	application			
Date of submission of the demand	Da	te of completion of	this report		
08 January 2004 (08.01.2004)			20 May 2004 (20.05.2004)		
Name and mailing address of the IPEA/JP	Αι	thorized officer	·		
Facsimile No.	Te	lephone No.			

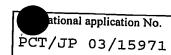






Box No	D. I Basis of the report
1. With othe	regard to the language, this report is based on the international application in the language in which it was filed, unless
	This report is based on translations from the original language into the following language, which is language of a translation furnished for the purpose of:
	international search (under Rules 12.3 and 23.1(b))
l	publication of the international application (under Rule 12.4)
1	international preliminary examination (under Rules 55.2 and/or 55.3)
1	
	regard to the elements of the international application, this report is based on (replacement sheets which have been shed to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" are not annexed to this report):
M	The international application as originally filed/furnished
	the description:
İ	pages, as originally filed/furnishe
1	pages* received by this Authority on
	pages* received by this Authority on
	the claims:
	pages as originally filed/firmishe
l	pages*, as originally filed/furnishe, as amended (together with any statement) under Article 1
İ	pages* received by this Authority on
l	pages* received by this Authority on
	the drawings:
	pages
i	pages*, as originally filed/furnished
İ	pages* received by this Authority on
<u></u>	a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
-	
3	The amendments have resulted in the cancellation of:
	the description, pages
ı	the claims, Nos.
ı	the drawings, sheets/figs
	the sequence listing (specify):
	any table(s) related to sequence listing (specify):
	This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
	the description, pages
	the claims, Nos.
	the drawings, sheets/figs
	the sequence listing (specify):
	any table(s) related to sequence listing (specify):
* If item	4 applies, some or all of those sheets may be marked "superseded."





Statement			
Novelty (N)	Claims	·	YES
	Claims	1-15	NO
Inventive step (IS)	Claims		YES
	Claims	1-15	NO
Industrial applicability (IA)	ty (IA) Claims	1-15	YES
	Claims		NO

2. Citations and explanations

Document 1: Yasuaki Ikazushi et al., "V-CAD Data wo
Chokusetsu Riyou suru Nijigen no Nin'i Keijou
Nagareba no Suuchi Kaiseki", Riken Symposium
Ronbunshuu, Mono Tsukuri Jouhou Gijutsu
Tougouka Kenkyuu (Dai 2 Kai), 18 September
2002, pages 107 to 120

Claims 1 to 15

Document 1

Document 1 sets forth a method for numerical analysis of arbitrarily-defined shaped flow fields of non-compressive viscous fluid, characterized by the application of the cut cell finite volume method together with the VOF method to the boundary of the flow field.